



RAW SEQUENCE LISTING ERROR REPORT

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Date Processed by STIC:	7/17/02			

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker

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- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
- Hand Carry directly to:
 U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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Revised 01/29/2002



Does Not Comply Corrected Diskette Needed

PCT10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/049,626A

DATE: 07/17/2002 Formatting even. TIME: 09:04:52 Reese contact Robert Wex at 703-308-4216 or

Input Set : A:\EP.txt

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703-306-4119 for aggistance.

1 <110> APPLICANT: MARUYAMA, Akihiko ISHIWATA,

W--> 2 <120> TITLE OF INVENTION: Method of

Detecting and Quantitating Microorganism Having Specific Function and Its Gene

W--> 4 <130> FILE REFERENCE: P21989<140>

W--> 5 <140> CURRENT APPLICATION NUMBER: US/10/049,626A

C--> 5 <141> CURRENT FILING DATE: 2002-02-22

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6 <170> SOFTWARE: PatentIn version 3.0<210> 1<211> 1532<212> DNA<213> Cycloclasticus

ERRORED SEQUENCES

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/049,626A

Input Set: A:\EP.txt
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W--> 118 <212> TYPE:
W--> 118 <213> ORGANISM:
E--> 118 <400> SEQUENCE: 3
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     125 cgggcaaagc aggggacctt cgggccttgc gctaatagat gagcctatgt cggattagct
                                                                               240
                                                                               300
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     153 cgggaactct gatacaggtg ctgcatggct gtcgtcagct cgtgtcgtga gatgttgggt
     155 taagtcccgt aacgagcgcn nycttatcct tagttgctac catttagttg ggcactctaa
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     157 ggagactgcc ggtgataaac cggaggaagg tggggacgac gtcaagtcat catggccctt
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     161 taagctaatc ccttaaagcc ggtcctagtc cggattgcag tctgcaactc gactgcatga
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     165 tacacaccgs ccgtcacacc atgggagtgg gttgcaaaag aagtgggtag gctaaccttc
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     178 gaaacgatgc tagcttgcta caggcgtcga gtggcggacg ggtgagtaat gcataggaat
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     180 ctacctaata gtgggggaca acctggtgaa aaccagctaa taccgcataa tccctacggg
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     182 gcaaagcagg ggaccttcgg gccttgcgct aatagatgag cctatgtcgg attagctagt
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     196 cccgggctca acttgggaac tgcatttgaa actgtttagc tagagtgtgg tagaggagag
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/049,626A TIME: 09:04:52

DATE: 07/17/2002

Input Set : A:\EP.txt

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	200	cggctctctg	gaccaacact	gacgergagg	Lycyadaycy		tttaaaatta	840
:	202	ataccccggt	agtccacgcc	gtaaacgatg	tcaactaact	grigggeggg	LLLCCGCLCa	
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	201	aatgaattga	caaaaaccca	cacaageggt	ggagcatgtg	gtttaattcg	atgcaacgcg	960
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	210	aactctgata	caggtgctgc	atggctgtcg	Leageregre	Legegagacg	cegggeeaag	1140
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	218	gctaatccct	taaagccggt	cetagreegy	actiguageee	ttaattaaaa	agocttatac	1380
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	224	ggoogeceae	-tt-sage	taatta		,		1526
	226	gaacctgggg	ctggatcacc	LUULLa				

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/049,626A

DATE: 07/17/2002 TIME: 09:04:53

Input Set : A:\EP.txt

Output Set: N:\CRF3\07172002\J049626A.raw

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L:2 M:283 W: Missing Blank Line separator, <120> field identifier
L:4 M:283 W: Missing Blank Line separator, <130> field identifier
L:5 M:282 W: Numeric Field Identifier Missing, <140> CURRENT APPLICATION NUMBER: is Added.
L:5 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:0 M:282 W: Numeric Field Identifier Missing, <160> is required.
L:7 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:7 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:7 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:7 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:7 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO
L:7 M:283 W: Missing Blank Line separator, <400> field identifier
L:62 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:62 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:62 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:62 M:200 E: Mandatory Header Field missing, <400> is required.
L:118 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:118 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:118 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:118 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:3
L:175 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:175 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:175 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:175 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:4
L:231 M:282 W: Numeric Field Identifier Missing, <211> is required.
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L:255 M:282 W: Numeric Field Identifier Missing, <212> is required.
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L:0 M:203 E: No. of Seq. differs, <160> Number Of Sequences: Input (0) Counted (8)
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